



State of Utah

Department of Natural Resources

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

Representatives Present During the Inspection:

OGM Pete Hess Environmental Scientist III

Inspection Report

Permit Number:	C0070045
Inspection Type:	COMPLETE
Inspection Date:	Tuesday, January 13, 2009
Start Date/Time:	1/13/2009 9:45:00 AM
End Date/Time:	1/13/2009 10:55:00 AM
Last Inspection:	Thursday, December 10, 2009

Inspector: Pete Hess, Environmental Scientist III

Weather: Sunny; thawing snow and soft ground conditions.

InspectionID Report Number: 1885

Accepted by: jhelfric

2/23/2009

Permittee: **HEADWATERS ENERGY SERVICES**

Operator: **HEADWATERS ENERGY SERVICES**

Site: **COVOL SITE**

Address: **1865 S RIDGE RD, WELLINGTON UT**

County: **CARBON**

Permit Type: **PERMANENT COAL PROGRAM**

Permit Status: **PROPOSED**

Current Acreages

30.00	Total Permitted
30.00	Total Disturbed
	Phase I
	Phase II
	Phase III

Mineral Ownership

- ☐ Federal
☐ State
☐ County
☐ Fee
☐ Other

Types of Operations

- ☐ Underground
☐ Surface
☐ Loadout
☐ Processing
☐ Reprocessing

Report summary and status for pending enforcement actions, permit conditions, Division Orders, and amendments:

The permit applicant continues to operate at the Wellington Coal Cleaning Facility. Most of the material on location is coming from the West Ridge Mine; Bear Canyon Mine also has product here to be processed.

Mr. Kyle Edwards represented Headwaters Energy Services Corporation during today's inspection.

Inspector's Signature: _____

Pete Hess

Pete Hess, Environmental Scientist III

Inspector ID Number: 46

Date Tuesday, January 13, 2009

Note: This inspection report does not constitute an affidavit of compliance with the regulatory program of the Division of Oil, Gas and Mining.

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REVIEW OF PERMIT, PERFORMANCE STANDARDS PERMIT CONDITION REQUIREMENTS

1. Substantiate the elements on this inspection by checking the appropriate performance standard.
 - a. For COMPLETE inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check Not Applicable.
 - b. For PARTIAL inspections check only the elements evaluated.
2. Document any noncompliance situation by reference the NOV issued at the appropriate performance standard listed below.
3. Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
4. Provide a brief status report for all pending enforcement actions, permit conditions, Division Orders, and amendments.

	Evaluated	Not Applicable	Comment	Enforcement
1. Permits, Change, Transfer, Renewal, Sale	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Signs and Markers	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Topsoil	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.a Hydrologic Balance: Diversions	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.b Hydrologic Balance: Sediment Ponds and Impoundments	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.c Hydrologic Balance: Other Sediment Control Measures	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.d Hydrologic Balance: Water Monitoring	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.e Hydrologic Balance: Effluent Limitations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Explosives	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. Disposal of Excess Spoil, Fills, Benches	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Coal Mine Waste, Refuse Piles, Impoundments	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8. Noncoal Waste	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9. Protection of Fish, Wildlife and Related Environmental Issues	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10. Slides and Other Damage	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Contemporaneous Reclamation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Revegetation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14. Subsidence Control	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Cessation of Operations	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.a Roads: Construction, Maintenance, Surfacing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.b Roads: Drainage Controls	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. Other Transportation Facilities	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. Support Facilities, Utility Installations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS Check	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. Air Quality Permit	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. Bonding and Insurance	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22. Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

3. Topsoil

The alternate sediment control area associated with the topsoil storage pile was discussed during the inspection. A berm, designed to totally contain the 10 year 24 hour event, or a silt fence should be installed about the toe of the pile to protect the soil resource. This was recommended for installation during today's inspection.

4.b Hydrologic Balance: Sediment Ponds and Impoundments

The Permit applicant submitted annual impoundment inspections / certification for the East and West sediment ponds to the Division on December 2, 2008. There were no signs of instability or other hazards observed regarding the two incised structures. The ponds were inspected by Mr. Tim Jimenez; P.E. certifications were performed by Mr. Richard B. White of EarthFax Engineering on October 30, 2008.

4.d Hydrologic Balance: Water Monitoring

No flows were observed during today's inspection; all melt water is soaking into the ground.

4.e Hydrologic Balance: Effluent Limitations

Both ponds are well below the discharge elevation.

5. Explosives

There are no storage magazines on this property.

7. Coal Mine Waste, Refuse Piles, Impoundments

The plant processes high ash coal, and sells all material exiting the bottom of the pneumatic cyclones for coal blending purposes.

8. Noncoal Waste

A dumpster for scrap metal disposal was observed adjacent to the equipment storage area. Mr. Edwards stated that one dumpster containing scrap had recently been shipped from the site.

9. Protection of Fish, Wildlife and Related Environmental Issues

No wildlife was observed during today's inspection.

13. Revegetation

The Permittee should consider some sort of artificial cover (hydro mulch / erosion control matting, etc.) to protect the soil resource located in the SE corner of the permit area.